

## **Abstract**

### **Title of bachelor's thesis:**

Case report of physiotherapy care of patient with dislocation of elbow

### **Thesis aim:**

Aim of this bachelor's thesis is summary of theoretical knowledge and study of rehabilitation in context with traumatology, especially dislocation, of elbow joint. Then use this knowledge in practice with patient with status post dislocation of elbow joint.

### **Method:**

Theoretical part of bachelor's thesis includes anatomic, kinesiological and biomechanical findings of elbow joint in relationship with other structures. In other section are described issues of traumatology of elbow joint, with focus on elbow dislocations. There is detailed description of examination and therapy, mainly meant by rehabilitation care with using physical therapy and physiotherapeutic methods.

In special part of thesis I processed detailed case report of 55 years old female patient with status post posterior dislocation of right elbow joint after removal of plaster fixation, which immobilized joint for one month. This case report was made during my professional practice in C.L.P.A. in Prague, Vysočany, and in term 9. 1. – 3. 2. 2012 under the supervision of physiotherapist Mgr. František Vaňous. In thesis is processed complete input and output kinesiology analysis, description of process of each therapy unit and efficiency of therapy. In conclusion is assessed process of the whole therapy and efficiency of individual applied physiotherapeutic methods.

### **Results:**

Goals that I had determined on the start of therapy were achieved. Patient has on right upper extremity, especially elbow and wrist joint, increased ROM and muscle strength, and decreased oedema and pain. Grasping function of right hand also got better.

**Keywords:** elbow joint, trauma, dislocation, luxation, physical examination, rehabilitation, physiotherapy, therapy, anatomy, kinesiology, kinesiological analysis